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LISTS OF SPECIES

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Taxonomic list of the vascular flora of the islands of San Andres and Old Providence, Colombia

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Abstract: We present an updated list of 532 vascular plant species distributed in 375 genera and 110 families on the islands of San Andres and Old Providence, Colombia, based on a compilation of published literature and some additional observations. The following nine plant species are new plant records for the islands: *Cycas circinalis* L. (Cycadaceae), *Clerodendrum trichotonum* Wall., *Mentha viridis* (L.) L., *Ocimum americanum* L. var. *americanum*, *O. basilicum* var. *purpurascens* Benth., *O. campechianum* Mill. (Lamiaceae), *Pandanus* sp. (Pandanaceae), *Duranta repens* L. and *Lantana involucrata* L. (Verbenaceae).

Key words: Colombia, flora, plants, San Andres and Old Providence, species list

INTRODUCTION

The Archipelago of San Andres, Old Providence and Santa Catalina lies in the Colombian Caribbean Sea between 12° and 16° North and between 78° and 82° West (Lowy 2000). San Andres Island is characterized by its elongated shape, having a length of 13 km and an average width of 2.5 km. It covers a total area of 27 km² and its highest point is 87 m high (Vargas 2004). The island of Old Providence is of volcanic origin, with a maximum altitude of 350 m above sea level (a.s.l.), and its vegetation composed of trees and shrubs is classified as tropical dry forest (Tobar and Gavio 2011).

The vegetation of the islands is classified as transitional forest, finding elements of both the dry forest and tropical rain forest (Gonzalez et al. 1992; Lowy 2000). The natural vegetation has been completely transformed on San Andres and on the island of Old Providence it is relatively well preserved (partially altered) in the higher parts of the island (Marquez 2006; Tobar and Gavio 2011). It has been estimated that 77% of the flora in the Archipelago is endemic and the remaining 23% are introduced species (Lowy 2000). In another more recent study, Tobar et al. (2013) indicated that 70% of the flora of the Archipelago is endemic and that 30% is introduced. According to Diaz and Lowy (1992) and Gonzalez et al. (1995), the flora of the Archipelago has not been studied extensively, and between these two studies a total of 374 species of vascular plants (326 dicots, 40 monocots and seven pteridophytes) were recorded. Subsequently, Lowy (2000) compiled all the botanical information available on the islands, including written contributions by Toro (1929), Proctor (1950), Barriga (1969), Chiriví (1988), Diaz and Lowy (1992), Gonzalez et al. (1995) and herbarium collections, recording a total of 409 vascular plant species for the Archipelago (102 families of Pteridophyta and Espermatophyta). Later, Ruiz and Fandiño (2007) recorded 67 plant species for Old Providence, of which 13 were new plant-species records for the Archipelago; and Tobar and Gavio (2011) recorded the invasive fern *Pteridium caudatum* (L.) Maxon (Dennstaedtiaceae) on the same island, bringing the number of plant species recorded in the Archipelago to 423.

Kondo et al. (2012) presented a list of 82 host plants for the invasive Colombian fluted scale insect, *Crypticerya multicicatrices* Kondo & Unruh (Hemiptera: Monophlebidae) on San Andres island and listed other 13 plant species which are not affected by the insect pest, for a total of 95 plant species. The list given by Kondo et al. (2012) included 50 species of plants which turned out to be new plant records for the Archipelago (i.e., not included in the list by Lowy [2000]), elevating the number of plant species in the Archipelago to 473 species. Recently, Tobar et al. (2013) added 58 new species records to the islands, including 8 plant species already cited by Kondo et al. (2012), increasing the vascular flora of the Archipelago to 523 species. In the present study we add nine new plant species records, i.e., two species recorded from

new observations and seven plant species reported in the unpublished Bachelors' thesis by the first author (Tobar et al. 2008). The thesis by Tobar et al. (2008) listed 11 plant species for the island of San Andres, of which seven were new species records for the region, which have not been hitherto officially published, raising the number of species on the islands of San Andres and Old Providence to a total of 532 species.

MATERIALS AND METHODS

Herein we have compiled a list of vascular plants based on available literature and some additional observations (see Table 1). Scientific names were verified using the plant nomenclature database: "The Missouri Botanical Garden's VAST (vascular Tropics) (Missouri Botanical Garden: w3TROPICOS 2013)", and for some plant names, the USDA Plant database was also used. Plant names which could not be verified by w3TROPICOS nor the USDA Plant database were marked with an asterisk (*) before the plant name, e.g., **Chomelia speciosa* L. Listing all synonyms was out of the scope of this work; however, in order to avoid double counts in the future we listed the synonyms reported in the cited literature in squared brackets just after the valid name. For example: *Dicliptera assurgens* (L.) Juss is reported by Díaz and Lowy (1992) as *Dicliptera vahliana*, but the latter is treated as a synonym in w3TROPICOS, thus in the list below, *D. vahliana* is listed within square brackets. In Table 1, new species records for the region are indicated by two asterisks (**) before the plant name, e.g., ***Cycas circinalis* L. Abbreviations for repositories (Herbaria) follow Thiers' (continuously updated) Index Herbariorum (see below).

Abbreviations in the table

Repositories. COL: National Herbarium of Colombia; HJBSAI-UN: National University of Colombia, Caribe campus, Botanical Garden Herbarium; FSB: Herbarium at the Alexander von Humboldt Institute, Villa de Leyva, Boyacá, Colombia.

Other abbreviations: cu: cultivated plant; ds: dispersed shrubs; ed: edible plant; gf: gallery forest; HC: Haynes Cay; hmp: hemiparasitic; hy: hybrid plant; inv: invasive behavior; mg: mangrove vegetation; ml: medicinal plant; NV: no voucher; OP: Old Providence island; or: ornamental; os: open shrubs; ov: open vegetation; phr: photographic record; PS: present study; psv: psammophilic vegetation; rd: ruderal species; ro: vegetation characteristic of rock outcrops; rv: riparian vegetation; SA: San Andres island; sf: secondary forest; ss: short shrubs; sw: vegetation characteristic of marshy or swampy areas; sxv: subxerophitic vegetation; tdf: Tropical dry forest; tf: transitional forest between tropical dry forest and tropical humif forest; thf: Tropical humid Forest; ts: tall shrubs; tx: toxic plant; wd: weed.

RESULTS

Pandanus sp. (Pandanaceae) (Figure 1E) represents the first record of this family in the Archipelago, being observed and photographed by TK at Haynes Cay, 12°33′02.8″ N, 081°41′20.5″ W, 10 m a.s.l., on 17 January 2012. *Cycas circinalis* L. (Cycadaceae) is herein also reported as a new plant record for the islands. Some of the voucher specimens of *C. revoluta* Thumb. deposited at HJBSAI-UN were newly identified as *C. circinalis* in the present study. Additionally, seven new species records for the Archipelago which were listed in the first author's unpublished undergraduate thesis are also herein included, i.e., *Duranta repens* L. (Figure 1B), *Lantana involucrata* L. (Figure 1A), *Mentha viridis* (L.) L., *Ocimum americanum* L. var. *americanum*, *O. basilicum* var. *purpurascens* Benth. (Figure 1D) and *O. campechianum* Mill. (Figure 1C) (Tobar et al. 2008). Here we provide an updated list of 532 plant species distributed in 375 genera and 110 families of vascular plants on the islands of San Andres and Old Providence, based mainly on a compilation of published literature and some additional observations (Table 1).

DISCUSSION

The flora of the Archipelago has a greater affinity with the flora of Central and South America, compared with the flora of the Antilles. This is due to the proximity of the islands to Central America, which favors a unique flora that has resulted from different dispersal mechanisms. Lowy (2000) presented another hypothesis that is based on transoceanic dispersal opportunities between Central America and the Greater Antilles.

In the present study we have compiled a list of the vascular plants of San Andres and Old Province based on new observations and available literature. As can be observed by the high number of species reported in recent years, it can be said that this is a preliminary list of the actual number of plant species in the Archipelago of San Andres, Old Providence and Santa Catalina. Recently, Silva-Gómez et al. (2013) in a study on the incidence of two hemipteran insects on the islands of San Andres, Old Providence and Santa Catalina, listed 94 plant hosts for the Colombian fluted scale, *C. multicicatrices*, of which 21 plants appear to be new plant records for the Archipelago, *i.e.*, *Adonidia merrillii* (Arecaceae), *Allium fistulosum* (Amaryllidaceae), *Annona squamosa* (Annonaceae), *Attalea butyracea* (Arecaceae), *Cecropia schreberiana* (Urticaceae), *Cordyline* sp. (Asparagaceae), *Cucumis sativus* (Cucurbitaceae), *Dracaena* sp. (Dracaenaceae), *Hibiscus* sp. (Malvaceae), *Hymenocallis caribaea* (Amaryllidaceae), *Ocimum* sp. (Lamiaceae), *Phaseolus vulgaris* (Fabaceae), *Plumeria* sp. (Apocynaceae), *Polyscias* sp. (Araliaceae), *Pseuderanthemum reticulatum* (Acanthaceae), *Salvia* sp. (Lamiaceae), *Sansevieria fasciata* (Asparagaceae), *Schefflera* sp. (Araliaceae), *Spinacia*

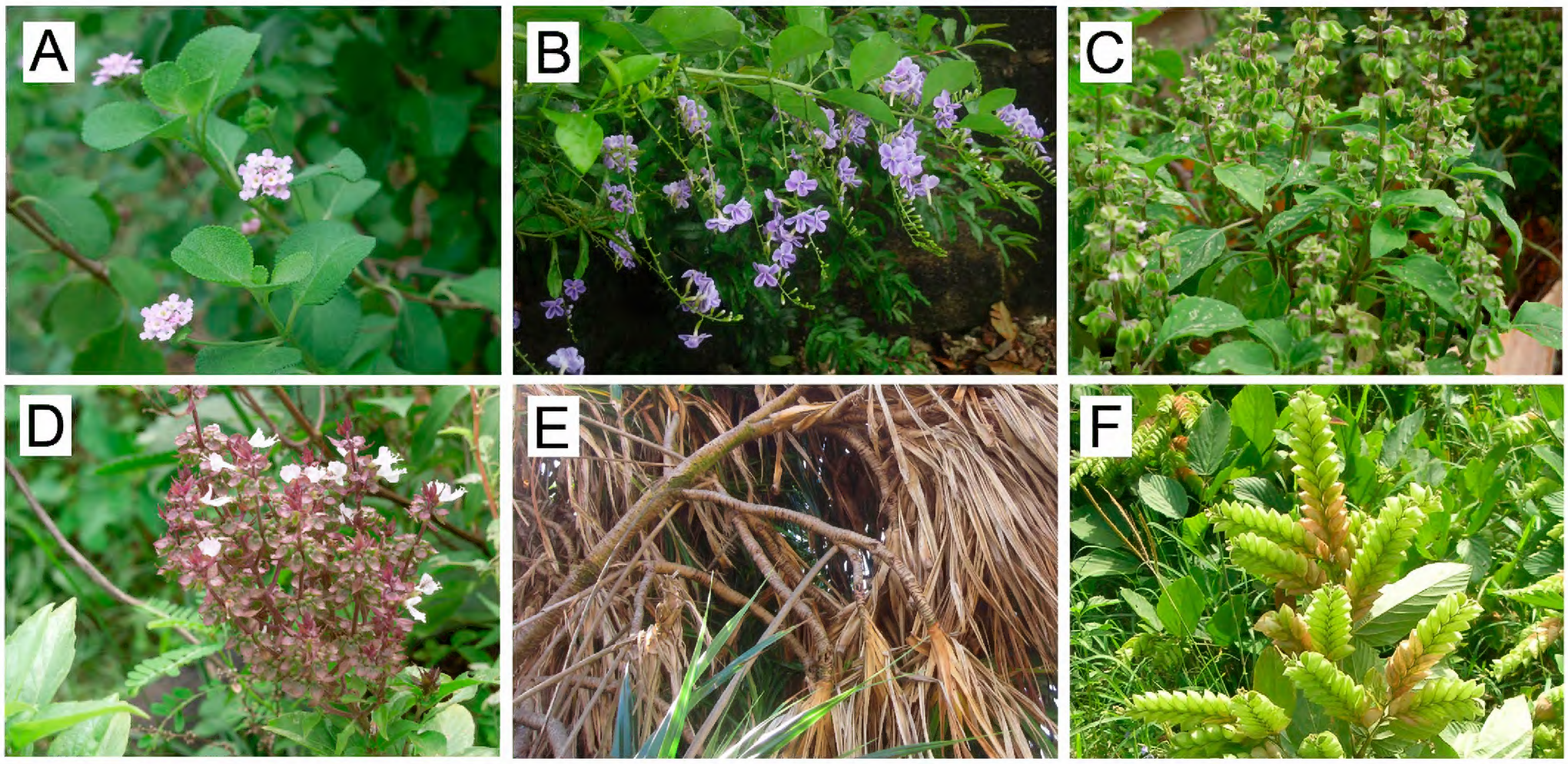

Figure 1. A. *Lantana involucrata*, **B**. *Duranta repens*, **C**. *Ocimum campechianum*, **D**. *Ocimum basilicum* var. *purpurascens*, **E**. *Pandanus* sp., **F**. *Flemingia strobilifera*. Photos A–D by A. Tobar and E & F by T. Kondo.

Table 1. Vascular plant species recorded from the Archipelago of San Andres and Old Providence.

Taxa	References	Notes	Island/Cay	Herbarium
ACANTHACEAE				
Avicennia germinans (L.) L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	mg	SA	COL; HJBSAI-UN
Blechum brownei Juss.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Dicliptera assurgens (L.) Juss [= *D. vahliana*]	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	sw	SA	COL; HJBSAI-UN
Graptophyllum pictum (L.) Griff.	Kondo et al. (2012)	phr	SA	NV
Justicia carthagenensis Jacq.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Pseuderanthemum atropurpureum (W. Bull) Radlk.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Pseuderanthemum carruthersii var. *reticulatum* (Seem.) Guillaumin.	Tobar et al. (2013)	or	SA	HJBSAI-UN
Ruellia tuberosa L.	Díaz & Lowy (1992); Lowy (2000)	psv, rd	SA	COL; HJBSAI-UN
Thunbergia fragrans Roxb.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
ACHATOCARPACEAE				
Achatocarpus nigricans Triana	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
AIZOACEAE				
Sesuvium portulacastrum (L.) L.	Díaz & Lowy (1992); Lowy (2000)	psv	SA	COL; HJBSAI-UN
AMARANTHACEAE				
Achyranthes aspera L.	Díaz & Lowy (1992); Lowy (2000)	os, sf	SA	NV?
Achyranthes sp.	Kondo et al. (2012)	phr	SA	NV
Alternanthera brasiliana (L.) Kuntze	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Alternanthera paronychioides A. St. Hil.	González et al. (1995); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Alternanthera sessilis (L.) R. Br. ex DC.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Alternanthera tenella Colla	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Amaranthus dubius Mart. ex Thell.	Díaz & Lowy (1992); Lowy (2000)	ed, ml, rd	SA	COL; HJBSAI-UN
Amaranthus blitum subsp. *emarginatus* (Salzm. ex Moq.) Carretero, Muñoz Garm. & Pedrol [= *A. viridis*]	Díaz & Lowy (1992); Lowy (2000)	wd	SA	COL; HJBSAI-UN
Blutaparon vermiculare (L.) Mears	Díaz & Lowy (1992); Lowy (2000)	psv	SA	COL; HJBSAI-UN
Celosia argentea L.	Tobar et al. (2013)	or	SA	HJBSAI-UN
Celosia argentea var. *cristata* (L.) Kuntze	Tobar et al. (2013)	or	SA	HJBSAI-UN
Celosia virgata Jacq.	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
Gomphrena globosa L.	Tobar et al. (2013)	or, wd	SA	HJBSAI-UN
AMARYLLIDACEAE				
Allium cepa L.	González et al. (1995); Lowy (2000)	cu	SA	COL; HJBSAI-UN
Crinum bulbispermum (Burm. f.) Milne-Redh. & Schweick.	Tobar et al. (2013)	or	SA	HJBSAI-UN

Continued

Table 1. *Continued.*

Taxa	References	Notes	Island/Cay	Herbarium
Pancratium littorale Jacq.	Díaz & Lowy (1992); Lowy (2000)	sw	SA	COL; HJBSAI-UN
Zephyranthes rosea Lindl.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
ANACARDIACEAE				
Anacardium occidentale L.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Mangifera indica L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	bht, sf, tdf	OP, SA	COL; HJBSAI-UN
Metopium brownei (Jacq.) Urb.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	tdf, tf	SA	COL; HJBSAI-UN
Spondias mombin L.	Díaz & Lowy (1992); Kondo et al. (2012) ; Lowy (2000); Ruiz & Fandiño (2007)	tdf, tf, thf	OP, SA	COL; HJBSAI-UN
Spondias purpurea L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	tdf, tf, thf	OP, SA	COL; HJBSAI-UN; FSB
ANNONACEAE				
Annona cherimola Mill.	Kondo et al. (2012); Tobar et al. (2013)	ed	SA	COL; HJBSAI-UN
Annona glabra L.	Díaz & Lowy (1992); Lowy (2000)	cu, tf	SA	COL; HJBSAI-UN
Annona muricata L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007); Tobar et al. (2013)	cu, ed, tf, thf	OP, SA	COL; HJBSAI-UN
APIACEAE				
Eryngium foetidum L.	González et al. (1995); Lowy (2000)	rd	SA	COL; HJBSAI-UN
APOCYNACEAE				
Allamanda blanchetii A. DC.	Tobar et al. (2013)	or, tx	SA	HJBSAI-UN
Allamanda cathartica L.	Díaz & Lowy (1992); Lowy (2000)	gf, or, tf	SA	COL; HJBSAI-UN
Asclepias curassavica L.	Díaz & Lowy (1992); Lowy (2000)	or	SA	COL; HJBSAI-UN
Lochnera rosea (L.) Rchb. ex K. Schum. [= *Catharanthus roseus*]	Díaz & Lowy (1992); Lowy (2000)	cu, or, ov	SA	COL; HJBSAI-UN
Mandevilla subcarnosa (Benth.) Woodson	González et al. (1995); Lowy (2000)	or, sf	SA	COL; HJBSAI-UN
Nerium oleander L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	cu, gf, or	SA	COL; HJBSAI-UN
Plumeria alba L.	Díaz & Lowy (1992); Lowy (2000)	cu, gf, or, psv	SA	COL; HJBSAI-UN
Rauvolfia ligustrina Willd. ex Roem. & Schult.	Díaz & Lowy (1992); Lowy (2000)	or, sxv	SA	COL; HJBSAI-UN
Rauvolfia viridis Willd. ex Roem. & Schult.	Díaz & Lowy (1992); Lowy (2000)	psv, sxv	SA	COL; HJBSAI-UN
Stapelia gigantea N.E. Br. [= *S. nobilis* N.E. Br. ex Hook. f.]	Díaz & Lowy (1992); Lowy (2000)	or	SA	COL; HJBSAI-UN
Tabernaemontana aff. *citrifolia* L.	Díaz & Lowy (1992); Lowy (2000)	or, sf	SA	COL; HJBSAI-UN
Tabernaemontana chrysocarpa S.F. Blake	Díaz & Lowy (1992); Lowy (2000)	or, sf	SA	COL; HJBSAI-UN
Tabernaemontana divaricata (L.) R. Br. ex Roem. & Schult.	Tobar et al. (2013)	or, po	SA	HJBSAI-UN
Thevetia peruviana (Pers.) K. Schum.	Díaz & Lowy (1992); Lowy (2000)	or, rd, sxv	SA	COL; HJBSAI-UN
AQUIFOLIACEAE				
Ilex sp.	González et al. (1995); Lowy (2000)	sf	SA	COL; HJBSAI-UN
ARACEAE				
Aglaonema commutatum Schott	Tobar et al. (2013)	or, tx	SA	HJBSAI-UN
Alocasia cucullata (Lour.) G. Don	Tobar et al. (2013)	or	SA	HJBSAI-UN
Alocasia macrorrhizos (L.) G. Don [= *A. plumbea*]	Tobar et al. (2013)	or, ss	SA	HJBSAI-UN
Alocasia sinuata N.E. Br.	Tobar et al. (2013)	or	SA	HJBSAI-UN
Anthurium crassinervium (Jacq.) Schott	Díaz & Lowy (1992); Lowy (2000)	sw	SA	COL; HJBSAI-UN
Anthurium cubense Engl.	González et al. (1995); Kondo et al. (2012); Lowy (2000)	sw	SA	COL; HJBSAI-UN
Caladium bicolor Vent.	Tobar et al. (2013)	or	SA	HJBSAI-UN
Epipremnum aureum (Linden and André) G.S. Bunting	Kondo et al. (2012)	or	SA	NV
Philodendron bipinnatifidum Schott ex Endl.	Tobar et al. (2013)	ed, or	SA	HJBSAI-UN
Philodendron sp. "Autumn"	Tobar et al. (2013)	hy, or	SA	HJBSAI-UN
Syngonium angustatum Schott	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Syngonium podophyllum Schott	Tobar et al. (2013)	inv	SA	HJBSAI-UN
Xanthosoma sagittifolium (L.) Schott	Tobar et al. (2013)	ed, ss	SA	HJBSAI-UN
ARAUCARIACEAE				
Araucaria excelsa (Lamb.) R. Br.	Kondo et al. (2012)	phr	SA	NV
Araucaria heterophylla (Salisb.) Franco	Tobar et al. (2013)	or	SA	HJBSAI-UN
ARECACEAE				
Acoelorraphe wrightii (Griseb. & H. Wendl.) H. Wendl. ex Becc.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	ov, sf, tdf, thf	OP	COL; HJBSAI-UN
Caryota mitis Lour.	Tobar et al. (2013)	or	SA	HJBSAI-UN
Caryota sp.	Kondo et al. (2012)	phr	SA	NV
Coccothrinax argentata (Jacq.) L.H. Bailey [= *C. jamaicensis*]	Díaz & Lowy (1992); Lowy (2000)	ds, ov, thf	OP	COL; HJBSAI-UN; FSB

Continued

Table 1. *Continued.*

Taxa	References	Notes	Island/Cay	Herbarium
Cocos nucifera L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	cu, psv, sf, thf	OP, SA	COL; HJBSAI-UN
Cocos nucifera L. "Malayan dwarf"	Kondo et al. (2012)	phr	SA	NV
Dypsis lutescens (H. Wendl.) Beentje and J. Dransf.	Kondo et al. (2012)	phr	SA	NV
Phoenix roebelenii O'Brien	Kondo et al. (2012)	phr	SA	NV
Pritchardia pacifica Seem. & H. Wendl.	Kondo et al. (2012)	phr	SA	NV
Sabal sp.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
ASPARAGACEAE				
Agave americana L.	Díaz & Lowy (1992); Lowy (2000)	or	SA	COL; HJBSAI-UN
Agave angustifolia var. *marginata* Hort. ex Gentry.	Tobar et al. (2013)	ed, or	SA	HJBSAI-UN
Cordyline terminalis (L.) Kunth	Kondo et al. (2012); Tobar et al. (2013)	or	SA	HJBSAI-UN
Dracaena draco (L.) L.	González et al. (1995); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Dracaena reflexa var. *angustifolia* Baker [= *D. marginata*]	Tobar et al. (2013)	or	SA	HJBSAI-UN
Polianthes tuberosa L.	González et al. (1995); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Sansevieria trifasciata Prain	Tobar et al. (2013)	or	SA	HJBSAI-UN
Yucca aloifolia L.	González et al. (1995); Lowy (2000)	gf, or	SA	COL; HJBSAI-UN
ASTERACEAE				
Ambrosia peruviana Willd. [= *A. cumanensis* Kunth]	Díaz & Lowy (1992); Lowy (2000)	rd, sf	SA	COL; HJBSAI-UN
Bidens pilosa L.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Calea jamaicensis (L.) L.	González et al. (1995); Lowy (2000)	rd, sf	SA	COL; HJBSAI-UN
Conyza canadensis (L.) Cronquist	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Cosmos caudatus Kunth	Díaz & Lowy (1992); Lowy (2000)	or, sf	SA	COL; HJBSAI-UN
Eclipta alba (L.) Hassk.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Emilia sonchifolia (L.) DC.	Kondo et al. (2012)	phr	SA	
Erechtites valerianifolius fo. *prenanthoides* (Kunth) Cuatrec. ex Belcher	González et al. (1995); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Melanthera aspera (Jacq.) Steud. ex Smal	Díaz & Lowy (1992); Lowy (2000)	tf, psv	SA	COL; HJBSAI-UN
Pluchea carolinensis (Jacq.) G. Don [= *P. odorata*]	Díaz & Lowy (1992); Lowy (2000)	or, psv	SA	COL; HJBSAI-UN
Sclerocarpus baranguillae (Spreng.) S.F. Blake [= *S. barranquillae*]	Díaz & Lowy (1992); Lowy (2000)	ss	SA	COL; HJBSAI-UN
Sphagneticola trilobata (L.) Pruski [= *Complaya trilobata*]	Díaz & Lowy (1992); Lowy (2000)	psv, sf	SA	COL; HJBSAI-UN
Spiracantha cornifolia Kunth	Díaz & Lowy (1992); Lowy (2000)	rd, ss	SA	COL; HJBSAI-UN
Synedrella nodiflora (L.) Gaertn.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Tridax procumbens L.	Díaz & Lowy (1992); Lowy (2000)	ml	SA	COL; HJBSAI-UN
Verbesina gigantea Jacq.	Díaz & Lowy (1992); Lowy (2000)	rd, thf	SA	COL; HJBSAI-UN; FSB
Verbesina turbacensis Kunth	Ruiz & Fandiño (2007)	rd, thf	OP, SA	COL; HJBSAI-UN; FSB
Vernonia cinerea (L.) Less.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
BASELLACEAE				
Basella alba L.	Díaz & Lowy (1992); Lowy (2000)	cu, rd	SA	COL; HJBSAI-UN
BIGNONIACEAE				
Crescentia cujete L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	cu, sf, tdf	OP, SA	COL; HJBSAI-UN
Macfadyena unguis-cati (L.) A.H. Gentry	Díaz & Lowy (1992); Lowy (2000)	sf, sxv	SA	COL; HJBSAI-UN
Spathodea campanulata P. Beauv.	Díaz & Lowy (1992); Lowy (2000)	cu, or	SA	COL; HJBSAI-UN
Tabebuia sp.	Kondo et al. (2012)	phr	SA	
Tecoma stans (L.) Juss. ex Kunth	Díaz & Lowy (1992); Lowy (2000)	or, sf	SA	COL; HJBSAI-UN
BIXACEAE				
Bixa orellana L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	tf	SA	COL; HJBSAI-UN
BORAGINACEAE				
Bourreria succulenta var. *revoluta* (Kunth) O.E. Schulz [= *Tournefortia hirsutissima*]	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Calotropis procera (Aiton) W.T. Aiton	Kondo et al. (2012)	phr	SA	NV
Cordia alliodora (Ruiz & Pav.) Oken	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
Cordia collococca L.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	sf, tdf	OP	COL; HJBSAI-UN; FSB
Cordia bullata subsp. *humilis* (Jacq.) Gaviria [= *C. globosa*]	Díaz & Lowy (1992); Lowy (2000)	rd, sxv	SA	COL; HJBSAI-UN
Cordia sebestena L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	tdf	OP, SA	COL; HJBSAI-UN
Heliotropium angiospermum Murray	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN

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Table 1. *Continued.*

Taxa	References	Notes	Island/Cay	Herbarium
Heliotropium gnaphalodes L. [= *Tournefortia gnaphalodes*]	Díaz & Lowy (1992); Lowy (2000)	psv, sf	SA	COL; HJBSAI-UN
Heliotropium indicum L.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Rochefortia sp.	Díaz & Lowy (1992); Lowy (2000)	ts	SA	COL; HJBSAI-UN
Tournefortia maculata Jacq.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
BROMELIACEAE				
Ananas comosus (L.) Merr.	Tobar et al. (2013)	cu, ed, ml	SA	HJBSAI-UN
Bromelia balansae Mez [= *B. pinguin*]	Díaz & Lowy (1992); Lowy (2000)	sxv	SA	COL; HJBSAI-UN
Chevaliera rubiginosa (Mez) L.B. Sm. & W.J. Kress [= *Aechmea magdalenae*]	Díaz & Lowy (1992); Lowy (2000)	ar, gf	SA	COL; HJBSAI-UN
Tillandsia dasyliriifolia Baker	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
BURSERACEAE				
Bursera graveolens (Kunth) Triana & Planch.	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
Bursera simaruba (L.) Sarg.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	sxv, tdf	OP	COL; HJBSAI-UN
CACTACEAE				
Acanthocereus tetragonus (L.) Hummelinck [= *A. pentagonus*]	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	sxv, tdf	OP	COL; HJBSAI-UN
Opuntia caracassana Salm-Dyck [= *O. wentiana*]	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	sxv, tdf	OP	COL; HJBSAI-UN; FSB
Pereskia bleo (Kunth) DC.	Díaz & Lowy (1992); Lowy (2000)	gf, rd	SA	COL; HJBSAI-UN
CALOPHYLLACEAE				
Calophyllum aff. *brasiliense* Cambess.	González et al. (1995); Lowy (2000)	sf, ov	SA	COL; HJBSAI-UN
Mammea americana L.	Kondo et al. (2012)	phr	SA	
CAMPANULACEAE				
Hippobroma longiflora (L.) G. Don	Díaz & Lowy (1992); Lowy (2000)	cu, sf	SA	COL; HJBSAI-UN
CANNABACEAE				
Trema micrantha (L.) Blume	Díaz & Lowy (1992); Lowy (2000)	sxv	SA	COL; HJBSAI-UN
CANNACEAE				
Canna indica L.	Díaz & Lowy (1992); Lowy (2000)	gf, or, rd	SA	COL; HJBSAI-UN
Canna warszewiczii A. Dietr.	Tobar et al. (2013)	or	SA	HJBSAI-UN
CAPPARACEAE				
Capparis flexuosa (L.) L.	Díaz & Lowy (1992); Lowy (2000)	rd, tf	SA	COL; HJBSAI-UN
Capparidastrum frondosum (Jacq.) Cornejo & Iltis [= *C. frondosa*]	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	tdf, tf	OP	COL; HJBSAI-UN
Capparis verrucosa Jacq.	Díaz & Lowy (1992); Lowy (2000)	rd, sf, tf	SA	COL; HJBSAI-UN
Quadrella odoratissima (Jacq.) Hutch. [= *Capparis odoratissima*]	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	or, sf, tdf	OP	COL; HJBSAI-UN
CARICACEAE				
Carica papaya L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	cu, sf	SA	COL; HJBSAI-UN
CASUARINACEAE				
Casuarina equisetifolia L.	Tobar et al. (2013)	inv, or	SA	HJBSAI-UN
CELASTRACEAE				
Crossopetalum aff. *rhacoma* Crantz	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Hippocratea volubilis L.	González et al. (1995); Lowy (2000)	gf, rd	SA	COL; HJBSAI-UN
Maytenus sp.	Díaz & Lowy (1992); Lowy (2000)	gf, rd	SA	COL; HJBSAI-UN
CLEOMACEAE				
Cleome spinosa Jacq.	Díaz & Lowy (1992); Lowy (2000)	rd, tf	SA	COL; HJBSAI-UN
Cleome viscosa L.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Cleoserrata serrata (Jacq.) Iltis [= *Cleome serrata*]	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
CLUSIACEAE				
Clusia major L.	Díaz & Lowy (1992); Lowy (2000)	sf, tf	SA	COL; HJBSAI-UN
Clusia minor L.	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
COMBRETACEAE				
Combretum indicum (L.) DeFilipps [= *Quisqualis indica* L.]	Díaz & Lowy (1992); Lowy (2000)	gf, or	SA	COL; HJBSAI-UN
Conocarpus erectus L. [= *C. erecta*]	Díaz & Lowy (1992); Lowy (2000)	mg	SA	COL; HJBSAI-UN
Laguncularia racemosa (L.) C.F. Gaertn.	Díaz & Lowy (1992); Lowy (2000)	mg	SA	COL; HJBSAI-UN
Terminalia buceras (L.) C. Wright [= *Bucida buceras* L.]	Díaz & Lowy (1992); Lowy (2000)	psv, sxv	SA	COL; HJBSAI-UN
Terminalia catappa L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	rd, sf, thf	OP, SA	COL; HJBSAI-UN
COMMELINACEAE				
Commelina elegans Kunth	Díaz & Lowy (1992); Lowy (2000)	ov, rd	SA	COL; HJBSAI-UN
Tradescantia pallida (Rose) D.R. Hunt	Tobar et al. (2013)	or	SA	HJBSAI-UN

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Table 1. *Continued.*

Taxa	References	Notes	Island/Cay	Herbarium
Tradescantia spathacea Sw.	Tobar et al. (2013)	ml, or, tx	SA	HJBSAI-UN
CONNARACEAE				
Rourea glabra Kunth	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
CONVOLVULACEAE				
Ipomoea alba L.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Ipomoea batatas (L.) Lam.	Díaz & Lowy (1992); Lowy (2000)	sf, tf	SA	COL; HJBSAI-UN
Ipomoea carnea Jacq.	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
Ipomoea macrantha Roem. & Schult.	Díaz & Lowy (1992); Lowy (2000)	psv, sf	SA	COL; HJBSAI-UN
Ipomoea pes-caprae (L.) R. Br.	Díaz & Lowy (1992); Lowy (2000)	psv	SA	COL; HJBSAI-UN
Merremia aegyptia (L.) Urb.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Merremia dissecta (Jacq.) Hallier f.	Díaz & Lowy (1992); Lowy (2000)	gf, psv	SA	COL; HJBSAI-UN
Merremia umbellata (L.) Hallier f.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
COSTACEAE				
Costus barbatus Suess.	Tobar et al. (2013)	or	SA	HJBSAI-UN
CRASSULACEAE				
Kalanchoe pinnata (Lam.) Pers.	Díaz & Lowy (1992); Lowy (2000)	ov, rd	SA	COL; HJBSAI-UN
CUCURBITACEAE				
Citrullus lanatus (Thunb.) Matsum. & Nakai	Kondo et al. (2012); Tobar et al. (2013)	cu, ed	SA	HJBSAI-UN
Cucumis melo L.	Tobar et al. (2013)	cu, ed	SA	HJBSAI-UN
Cucurbita maxima Duchesne	Tobar et al. (2013)	cu, ed	SA	HJBSAI-UN
Luffa cylindrica M. Roem.	Díaz & Lowy (1992); Lowy (2000)	ds, ed, sf	SA	COL; HJBSAI-UN
Momordica charantia L.	Díaz & Lowy (1992); Lowy (2000)	mb, sf	SA	COL; HJBSAI-UN
CUPRESSACEAE				
Platycladus orientalis (L.) Franco	Tobar et al. (2013)	or	SA	HJBSAI-UN
CYCADACEAE				
Cycas revoluta Thunb.	Tobar et al. (2013)	or	SA	HJBSAI-UN
***Cycas circinalis* L.	PS	or, phr	SA	HJBSAI-UN
CYPERACEAE				
Cyperus aggregatus (Willd.) Endl. [= *C. tenuis*]	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Cyperus ligularis L. [= *Mariscus ligularis*]	Díaz & Lowy (1992); Lowy (2000)	gf, ov	SA	COL; HJBSAI-UN
Cyperus luzulae (L.) Rottb. ex Retz.	Díaz & Lowy (1992); Lowy (2000)	gf, ov	SA	COL; HJBSAI-UN
Cyperus odoratus L. [= *Torulinium odoratum*]	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Cyperus rotundus L.	Díaz & Lowy (1992); Lowy (2000)	wd	SA	COL; HJBSAI-UN
Cyperus tenuis Sw. [= *Mariscus flabelliformis*]	Díaz & Lowy (1992); Lowy (2000)	gf, sw	SA	COL; HJBSAI-UN
Fimbristylis cymosa R. Br.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Fimbristylis dichotoma (L.) Vahl	Díaz & Lowy (1992); Lowy (2000)	gf, ov	SA	COL; HJBSAI-UN
Fimbristylis spathacea Roth	Díaz & Lowy (1992); Lowy (2000)	psv, ov	SA	COL; HJBSAI-UN
Kyllinga vaginata Lam. [= *K. peruviana*]	Díaz & Lowy (1992); Lowy (2000)	gf, psv	SA	COL; HJBSAI-UN
Pycreus polystachyos (Rottb.) P. Beauv. [= *Cyperus polystachyos*]	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Rhynchospora cephalotes (L.) Vahl	Díaz & Lowy (1992); Lowy (2000)	gf, rd	SA	COL; HJBSAI-UN
Scleria gaertneri Raddi [= *Scleria pterota*]	Díaz & Lowy (1992); Lowy (2000)	gf, rd	SA	COL; HJBSAI-UN
CHRYSOBALANACEAE				
Chrysobalanus icaco L.	Díaz & Lowy (1992); Lowy (2000)	psv	SA	COL; HJBSAI-UN
Licania tomentosa (Benth.) Fritsch	Kondo et al. (2012)	phr	SA	NV
DAVALLIACEAE				
Nephrodium biserratum (Sw.) C. Presl [= *Nephrolepis biserrata*]	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
DENNSTAEDTIACEAE				
Pteridium caudatum (L.) Maxon	Tobar et al. (2013)	inv, os	SA	HJBSAI-UN
DILLENIACEAE				
Davilla kunthii A. St.-Hil. [= *Davilla aspera*]	Díaz & Lowy (1992); Lowy (2000)	gf, tf	SA	COL; HJBSAI-UN
Doliocarpus dentatus (Aubl.) Standl.	González et al. (1995); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Tetracera volubilis L.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
DIOSCOREACEAE				
Dioscorea alata L.	Díaz & Lowy (1992); Lowy (2000)	ov, sf	SA	COL; HJBSAI-UN
EBENACEAE				
Diospyros tetrasperma Sw.	Ruiz & Fandiño (2007)	tdf	OP, SA	FSB
EUPHORBIACEAE				
Acalypha alopecuroidea Jacq.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN

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Table 1. *Continued.*

Taxa	References	Notes	Island/Cay	Herbarium
Acalypha amentacea subsp. *wilkesiana* (Müll. Arg.) Fosberg [= *A. wilkesiana*]	Kondo et al. (2012); Tobar et al. (2013)	or	SA	HJBSAI-UN
Acalypha hispida Burm. f.	Tobar et al. (2013)	or	SA	HJBSAI-UN
Acalypha schiedeana Schltdl.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Adelia triloba (Mull. Arg.) Hemsl.	Ruiz & Fandiño (2007)	thf	OP	HJBSAI-UN; FSB
Chamaesyce densiflora (Klotzsch & Garcke) Millsp.	González et al. (1995); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Chamaesyce hirta (L.) Millsp.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Chamaesyce hyssopifolia (L.) Small	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Chamaesyce mesembryanthemifolia (Jacq.) Dugand	Díaz & Lowy (1992); Lowy (2000)	ov, psv	SA	COL; HJBSAI-UN
Cnidoscolus aconitifolius (Mill.) I.M. Johnst. [= *C. chayamansa*]	Tobar et al. (2013)	ed, or, tx	SA	HJBSAI-UN
Codiaeum variegatum (L.) Rumph. ex A. Juss.	Kondo et al. (2012); Tobar et al. (2013)	or	SA	HJBSAI-UN
Croton glabellus L.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	sf, tdf	OP, SA	COL; HJBSAI-UN
Croton aff. *morifolius* Kunth.	Ruiz & Fandiño (2007)	tdf	OP, SA	COL; HJBSAI-UN; FSB
Dalechampia scandens L.	Díaz & Lowy (1992); Lowy (2000)	sf, sxv	SA	COL; HJBSAI-UN
Euphorbia aphylla Brouss. ex Willd.	Kondo et al. (2012); Tobar et al. (2013)	or	SA	HJBSAI-UN
Euphorbia cotinifolia L.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	sf, thf	OP, SA	COL; HJBSAI-UN
Euphorbia cyathophora Murray [= *Poinsettia cyathophora*]	González et al. (1995); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Euphorbia hirta L.	Kondo et al. (2012)	phr	SA	NV
Euphorbia lactea Haw.	González et al. (1995); Lowy (2000)	ov, rd	SA	COL; HJBSAI-UN
Euphorbia milii var. *splendens* (Bojer ex Hook.) Ursch & Leandri	Tobar et al. (2013)	ml, or, tx	SA	HJBSAI-UN
Euphorbia petiolaris Sims	González et al. (1995); Lowy (2000)	rd, sf	SA	COL; HJBSAI-UN
Euphorbia prostrata Aiton [= *Chamaesyce prostrata*]	Díaz & Lowy (1992); Lowy (2000)	psv	SA	COL; HJBSAI-UN
Euphorbia pulcherrima Willd. ex Klotzsch	Díaz & Lowy (1992); Lowy (2000)	cu, or	SA	COL; HJBSAI-UN
Jatropha gossypiifolia L.	Díaz & Lowy (1992); Lowy (2000); Kondo et al. (2012)	phr, sf	SA	NV?
Jatropha integerrima Jacq.	Kondo et al. (2012)	phr	SA	NV
Jatropha podagrica Hook.	Tobar et al. (2013)	or	SA	HJBSAI-UN
Jatropha curcas L.	Díaz & Lowy (1992); Lowy (2000)	ds, rd, sf	SA	COL; HJBSAI-UN
Jatropha multifida L.	Díaz & Lowy (1992); Lowy (2000)	cu	SA	COL; HJBSAI-UN
Hippomane mancinella L.	Díaz & Lowy (1992); Lowy (2000)	psv	SA	COL; HJBSAI-UN
Hura crepitans L.	Díaz & Lowy (1992); Lowy (2000)	sf, tf	SA	COL; HJBSAI-UN
Manihot esculenta Crantz [= *M. dulcis*]	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	cu	SA	COL; HJBSAI-UN
Margaritaria nobilis L. f.	Díaz & Lowy (1992); Lowy (2000)	rd, sf	SA	COL; HJBSAI-UN
Pedilanthus tithymaloides (L.) Poit.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	rd, sxv	SA	COL; HJBSAI-UN
Ricinus communis L.	Díaz & Lowy (1992); Lowy (2000); Kondo et al. (2012)	rd, ov	SA	COL; HJBSAI-UN
Sapium sp.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Tragia volubilis L.	Díaz & Lowy (1992); Lowy (2000)	rd, sf, sxv	SA	COL; HJBSAI-UN
FABACEAE				
Abrus precatorius L.	Díaz & Lowy (1992); Lowy (2000)	gf, sf	SA	COL; HJBSAI-UN
Acacia collinsii Saff.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	ov, sf, tf, tdf	OP, SA	COL; HJBSAI-UN
Adenanthera pavonina L.	Díaz & Lowy (1992); Lowy (2000)	or, sf	SA	COL; HJBSAI-UN
Aeschynomene americana L.	Díaz & Lowy (1992); Lowy (2000)	gf, sf	SA	COL; HJBSAI-UN
Albizia lebbeck (L.) Benth.	Kondo et al. (2012)	phr	SA	NV
Arachis pintoi Krapov. & W.C. Greg.	Kondo et al. (2012)	or	SA	NV
Bauhinia monandra Kurz	Díaz & Lowy (1992); Lowy (2000)	cu, rd	SA	COL; HJBSAI-UN
Caesalpinia bonduc (L.) Roxb.	Díaz & Lowy (1992); Lowy (2000)	psv, sf	SA	COL; HJBSAI-UN
Caesalpinia pulcherrima (L.) Sw.	Díaz & Lowy (1992); Lowy (2000)	cu, sf	SA	COL; HJBSAI-UN
Cajanus cajan (L.) Huth	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Calliandra pittieri Standl.	Kondo et al. (2012)	phr	SA	NV
Calliandra purpurea (L.) Benth.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Canavalia maritima Thouars	Díaz & Lowy (1992); Lowy (2000)	psv	SA	COL; HJBSAI-UN
Cassia fistula L.	Díaz & Lowy (1992); Lowy (2000)	or, sf	SA	COL; HJBSAI-UN
Cassia grandis L. f.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	or, sf, tdf	OP, SA	COL; HJBSAI-UN
Centrosema plumieri (Turpin ex Pers.) Benth.	Díaz & Lowy (1992); Lowy (2000)	gf, sf	SA	COL; HJBSAI-UN
Centrosema virginianum (L.) Benth.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Chamaecrista glandulosa (L.) Greene	Díaz & Lowy (1992); Lowy (2000)	rd, sf	SA	COL; HJBSAI-UN
Clitoria ternatea L.	Díaz & Lowy (1992); Lowy (2000)	gf, psv	SA	COL; HJBSAI-UN
Crotalaria purdieana H. Senn	González et al. (1995); Lowy (2000)	gf	SA	COL; HJBSAI-UN

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Table 1. *Continued.*

Taxa	References	Notes	Island/Cay	Herbarium
Crotalaria retusa L.	Díaz & Lowy (1992); Lowy (2000)	psv, ro	SA	COL; HJBSAI-UN
Crotalaria verrucosa L.	Díaz & Lowy (1992); Lowy (2000)	psv	SA	COL; HJBSAI-UN
Dalbergia brownei (Jacq.) Schinz	Díaz & Lowy (1992); Lowy (2000)	sw	SA	COL; HJBSAI-UN
Delonix regia (Bojer ex Hook.) Raf.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	or, sf	SA	COL; HJBSAI-UN
Desmanthus virgatus (L.) Willd.	Díaz & Lowy (1992); Lowy (2000)	rd, sf	SA	COL; HJBSAI-UN
Desmodium canum Schinz & Thell.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Erythrina rubrinervia Kunth	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Erythrina variegata L.	Kondo et al. (2012)	phr	SA	
Flemingia strobilifera (L.) R. Br.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	gf, inv, sw	SA	COL; HJBSAI-UN
Gliricidia sepium (Jacq.) Kunth ex Walp.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	sf, tdf, tf	OP, SA	COL; HJBSAI-UN
Indigofera suffruticosa Mill.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Lablab purpureus (L.) Sweet	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Leucaena leucocephala (Lam.) de Wit	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	or, rd, tdf	OP, SA	COL; HJBSAI-UN
Lonchocarpus pentaphyllus (Poir.) Kunth ex DC.	Díaz & Lowy (1992); Lowy (2000)	sw	SA	COL; HJBSAI-UN
Macroptilium lathyroides (L.) Urb. [= *Phaseolus lathyroides*]	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Mimosa pudica L.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Mucuna pruriens (L.) DC.	Díaz & Lowy (1992); Lowy (2000)	sf, sxv	SA	COL; HJBSAI-UN
Mucuna sloanei Fawc. & Rendle	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Parkinsonia aculeata L.	Díaz & Lowy (1992); Lowy (2000)	sf, sxv	SA	COL; HJBSAI-UN
Phaseolus lunatus L.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Phaseolus sp.	Kondo et al. (2012)	phr	SA	
Pithecellobium dulce (Roxb.) Benth.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	rd, sxv	SA	COL; HJBSAI-UN
Pithecellobium lanceolatum (Humb. & Bonpl. ex Willd.) Benth.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	gf, rd, tdf	OP, SA	COL; HJBSAI-UN
Pithecellobium saman (Jacq.) Benth. [= *Albizia saman*]	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Rhynchosia minima (L.) DC.	Díaz & Lowy (1992); Lowy (2000)	sxv	SA	COL; HJBSAI-UN
Senna alata (L.) Roxb.	Díaz & Lowy (1992); Lowy (2000)	gf, rd	SA	COL; HJBSAI-UN
Senna bicapsularis (L.) Roxb.	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
Senna hirsuta (L.) H.S. Irwin & Barneby	Díaz & Lowy (1992); Lowy (2000)	rd, ss	SA	COL; HJBSAI-UN
Senna occidentalis (L.) Link	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Sesbania grandiflora (L.) Pers.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Stylosanthes hamata (L.) Taub.	Díaz & Lowy (1992); Lowy (2000)	sf, ov	SA	COL; HJBSAI-UN
Tamarindus indica L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	cu, sf, tdf	OP, SA	COL; HJBSAI-UN
Vigna luteola (Jacq.) Benth.	Díaz & Lowy (1992); Lowy (2000)	gf, psv	SA	COL; HJBSAI-UN
GLEICHENIACEAE				
Dicranopteris flexuosa (Schrad.) Underw.	Díaz & Lowy (1992); Lowy (2000)	ov, tf	SA	COL; HJBSAI-UN
HELICONIACEAE				
Heliconia episcopalis Vell.	Tobar et al. (2013)	or	SA	HJBSAI-UN
Heliconia psittacorum L. f.	Tobar et al. (2013)	hy, or	SA	HJBSAI-UN
Heliconia wagneriana Petersen	Tobar et al. (2013)	ml, or	SA	HJBSAI-UN
LAMIACEAE				
Callicarpa acuminata Kunth	Díaz & Lowy (1992); Lowy (2000)	sf, tf	SA	COL; HJBSAI-UN
***Clerodendrum trichotonum* Wall.	Tobar et al. (2008)	or	SA	COL; HJBSAI-UN
Cornutia pyramidata L.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Hyptis capitata Jacq.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Hyptis suaveolens (L.) Poit.	Díaz & Lowy (1992); Lowy (2000)	sxv	SA	COL; HJBSAI-UN
Hyptis verticillata Jacq.	Díaz & Lowy (1992); Lowy (2000)	ml, sw	SA	COL; HJBSAI-UN
***Mentha viridis* (L.) L.	Tobar et al. (2008)	cu, ed, ml	OP, SA	COL; HJBSAI-UN
***Ocimum americanum* L. var. *americanum*	Tobar et al. (2008)	cu, ml, ed	OP, SA	COL; HJBSAI-UN
***Ocimum basilicum* var. *purpurascens* Benth.	Tobar et al. (2008)	cu, ml, ed	OP, SA	COL; HJBSAI-UN
***Ocimum campechianum* Mill.	Tobar et al. (2008)	cu, ml, ed	OP, SA	COL; HJBSAI-UN
Ocimum basilicum L. [=*Ocimum sanctum* L.]	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Tobar et al. (2008)	cu, ml, ed	OP, SA	COL; HJBSAI-UN
Ocimum tenuiflorum L. [=*Ocimum micranthum* Willd.]	Díaz & Lowy (1992); Lowy (2000); Tobar et al. (2008)	cu, ed, ml, rd	OP, SA	COL; HJBSAI-UN
Plectranthus scutellarioides (L.) R. Br. [= *Plectranthus amboinicus* (Lour.) Spreng.]	Díaz & Lowy (1992); Lowy (2000); Tobar et al. (2008)	cu	SA	COL; HJBSAI-UN

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Table 1. *Continued.*

Taxa	References	Notes	Island/Cay	Herbarium
Salvia lasiocephala Hook. & Arn.	González et al. (1995); Lowy (2000); Tobar et al. (2008)	cu, ov	SA	COL; HJBSAI-UN
Tectona grandis L. f.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	cu, sf	SA	COL; HJBSAI-UN
Vitex cymosa Bertero ex Spreng.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	thf, ts	SA	COL; HJBSAI-UN
LAURACEAE				
Licaria sp.	González et al. (1995); Lowy (2000)	gf, sf	SA	COL; HJBSAI-UN
Nectandra coriacea (Sw.) Griseb.	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
Persea americana Mill.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	cu, sf, thf	OP, SA	COL; HJBSAI-UN
Persea caerulea (Ruiz & Pav.) Mez	Díaz & Lowy (1992); Lowy (2000)	tf, ts	SA	COL; HJBSAI-UN
Phoebe cinnamomifolia (Kunth) Nees	Díaz & Lowy (1992); Lowy (2000)	tf, ts	SA	COL; HJBSAI-UN
LOGANIACEAE				
Spigelia anthelmia L.	Díaz & Lowy (1992); Lowy (2000)	cu, rd	SA	COL; HJBSAI-UN
LORANTHACEAE				
Oryctanthus cordifolius (C. Presl) Urb.	Díaz & Lowy (1992); Lowy (2000)	hmp	SA	COL; HJBSAI-UN
LYCOPODIACEAE				
Lycopodiella cernua (L.) Pic. Serm.	Díaz & Lowy (1992); Lowy (2000)	ov, sf	SA	COL; HJBSAI-UN
LYGODIACEAE				
Lygodium venustum Sw.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
LYTHRACEAE				
Cuphea micrantha Kunth	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Lagerstroemia indica L.	Kondo et al. (2012)	or, phr	SA	NV
Punica granatum L.	Díaz & Lowy (1992); Lowy (2000)	cu, sf	SA	COL; HJBSAI-UN
MALPIGHIACEAE				
Byrsonima crassifolia (L.) Kunth	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	gf, tdf, tf	OP, SA	COL; HJBSAI-UN
Stigmaphyllon sp.	Díaz & Lowy (1992); Lowy (2000)	sw	SA	COL; HJBSAI-UN
MALVACEAE				
Abelmoschus esculentus (L.) Moench	Díaz & Lowy (1992); Lowy (2000)	cu, rd, ss	SA	COL; HJBSAI-UN
Bakeridesia sp.	González et al. (1995); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Bastardia viscosa (L.) Kunth	Díaz & Lowy (1992); Lowy (2000)	gf, sxv	SA	COL; HJBSAI-UN
Ceiba pentandra (L.) Gaertn.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	tf, tdf, thf	OP, SA	COL; HJBSAI-UN
Corchorus hirtus L.	Díaz & Lowy (1992); Lowy (2000)	sxv	SA	COL; HJBSAI-UN
Corchorus siliquosus L.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Gossypium barbadense L.	Díaz & Lowy (1992); Lowy (2000)	cu	SA	COL; HJBSAI-UN
Gossypium sp.	Kondo et al. (2012)	phr	SA	NV
Guazuma ulmifolia Lam.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	gf, sf	SA	COL; HJBSAI-UN
Hibiscus rosa-sinensis L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	or	SA	COL; HJBSAI-UN
**Hibiscus rosa-sinensis* L. var. *kermessinus*	Tobar et al. (2013)	or	OP, SA	HJBSAI-UN
Hibiscus schizopetalus (Dyer) Hook. f.	Díaz & Lowy (1992); Lowy (2000)	cu, or	SA	COL; HJBSAI-UN
Hibiscus tiliaceus L.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	mg, thf	OP	COL; HJBSAI-UN
Malachra radiata (L.) L. [= *M. alceifolia*]	Díaz & Lowy (1992); Lowy (2000)	ov, sf	SA	COL; HJBSAI-UN
Malvastrum americanum (L.) Torr.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Malvastrum coromandelianum (L.) Garcke	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Malvaviscus arboreus Cav.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	tf	SA	COL; HJBSAI-UN
Melochia melissifolia Benth.	González et al. (1995); Lowy (2000)	sxv	SA	COL; HJBSAI-UN
Melochia nodiflora Sw.	Díaz & Lowy (1992); Lowy (2000)	rd, sf	SA	COL; HJBSAI-UN
Melochia parvifolia Kunth	Díaz & Lowy (1992); Lowy (2000)	ml, rd	SA	
Sida acuta Burm. f.	Díaz & Lowy (1992); Lowy (2000)	ov, sf	SA	COL; HJBSAI-UN
Sida jamaicensis L.	Díaz & Lowy (1992); Lowy (2000)	ov, sf	SA	COL; HJBSAI-UN
Sida rhombifolia L.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Thespesia populnea (L.) Sol. ex Corrêa	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Triumfetta bogotensis DC.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Triumfetta lappula L.	Díaz & Lowy (1992); Lowy (2000)	sf, rd	SA	COL; HJBSAI-UN
MELASTOMATACEAE				
Clidemia killipii Gleason	González et al. (1995); Lowy (2000)	tf	SA	COL; HJBSAI-UN
Clidemia sericea D. Don [= *C. rubra*]	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Miconia argentea (Sw.) DC.	Ruiz & Fandiño (2007)	tdf	OP	FSB
Miconia ciliata (Rich.) DC.	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
Miconia lacera (Bonpl.) Naudin	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
Miconia laevigata (L.) D. Don	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Miconia prasina (Sw.) DC.	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN

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Table 1. *Continued.*

Taxa	References	Notes	Island/Cay	Herbarium
Miconia stenostachya DC	Díaz & Lowy (1992); Lowy (2000)	gf, rd	SA	COL; HJBSAI-UN
Mouriri myrtilloides (Sw.) Poir.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	gf, tdf, thf	OP	COL; HJBSAI-UN; FSB
MELIACEAE				
Cedrela odorata L.	Díaz & Lowy (1992); Lowy (2000): Ruiz & Fandiño (2007)	tdf, tf, thf	OP	COL; HJBSAI-UN
Melia azedarach L.	Díaz & Lowy (1992); Lowy (2000)	gf, sf	SA	COL; HJBSAI-UN
Trichilia sp.	Ruiz & Fandiño (2007)	tdf	OP, SA	FSB
Trichilia hirta L.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	gf, sf	SA	COL; HJBSAI-UN; FSB
Trichilia martiana C. DC.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	gf, sf	SA	FSB
MENISPERMACEAE				
Cissampelos pareira L.	Díaz & Lowy (1992); Lowy (2000)	gf, sf	SA	COL; HJBSAI-UN
MORACEAE				
Artocarpus altilis (Parkinson) Fosberg	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	cu, sf, tf	SA	COL; HJBSAI-UN
Artocarpus sp.	Díaz & Lowy (1992); Lowy (2000)	cu, sf	SA	COL; HJBSAI-UN
Artocarpus heterophyllus Lam.	Gonzalez et al. (1995)	sf	SA	COL; HJBSAI-UN
Chlorophora tinctoria (L.) Gaudich. ex Benth.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	sxv, thf	OP	COL; HJBSAI-UN
Ficus benjamina L.	Kondo et al. (2012)	or, phr	SA	NV
Ficus elastica Roxb. ex Hornem.	Kondo et al. (2012)	or, phr	SA	NV
Ficus lyrata Warb.	Kondo et al. (2012)	or, phr	SA	NV
Ficus trigonata L.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	gf, tdf	OP, SA	COL; HJBSAI-UN
MORINGACEAE				
Moringa oleifera Lam.	Díaz & Lowy (1992); Lowy (2000)	cu, or, sf	SA	COL; HJBSAI-UN
MUSACEAE				
Musa × *paradisiaca* L.	Kondo et al. (2012); Tobar et al. (2013)	cu, ed	SA	COL; HJBSAI-UN
Musa × *sapientum* L.	Kondo et al. (2012)	cu, ed, phr	SA	NV
Musa sp.	Díaz & Lowy (1992); Lowy (2000)	cu, ed	SA	COL; HJBSAI-UN
MYRICACEAE				
Myrica cerifera L	Díaz & Lowy (1992); Lowy (2000)	ar, tf	SA	COL; HJBSAI-UN
Morella cerifera (L.) Small	Ruiz & Fandiño (2007)	tdf, thf	OP	FSB
MYRTACEAE				
Calyptranthes paniculata Ruiz & Pav.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Eugenia sp.	Ruiz & Fandiño (2007)		SA	FSB
Eugenia acapulcensis Steud.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	gf, rd, thf	OP	COL; HJBSAI-UN; FSB
Eugenia galalonensis (Griseb.) Drug & Urb.	Ruiz & Fandiño (2007)		SA	FSB
Eugenia venezuelensis O. Berg	Ruiz & Fandiño (2007)	thf	OP	FSB; COL
Eugenia uniflora L.	Tobar et al. (2013)	phr	SA	HJBSAI-UN
Marlierea spruceana O. Berg	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Myrcianthes fragrans (Sw.) McVaugh	Ruiz & Fandiño (2007)	tdf	OP	FSB
Myrcia fallax (Rich.) DC.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Pimenta dioica (L.) Merr.	Díaz & Lowy (1992); Lowy (2000); Kondo et al. (2012)	sf	SA	COL; HJBSAI-UN
Psidium guajava L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	cu, sf	SA	COL; HJBSAI-UN
Psidium sp.	Kondo et al. (2012)	phr	SA	NV
Syzygium samarangense (Blume) Merr. and L.M. Perry	Kondo et al. (2012)	phr	SA	NV
NYCTAGINACEAE				
Boerhavia diffusa L.	Díaz & Lowy (1992); Lowy (2000)	psv	SA	COL; HJBSAI-UN
Boerhavia erecta L.	Díaz & Lowy (1992); Lowy (2000)	psv	SA	COL; HJBSAI-UN
Bougainvillea spectabilis Willd.	Díaz & Lowy (1992); Lowy (2000)	gf, or	SA	COL; HJBSAI-UN
Bougainvillea aff *glabra* Choisy	Ruiz & Fandiño (2007)	tdf	OP	FSB
Bougainvillea sp.	Kondo et al. (2012)	phr	SA	NV
Neea sp.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Neea psychotrioides Donn. Sm.	Ruiz & Fandiño (2007)	tdf, thf	OP	FSB
OCHNACEAE				
Ouratea nitida (Sw.) Engl.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	ro, tdf	OP	COL; HJBSAI-UN; FSB
ONAGRACEAE				
Jussiaea decurrens (Walter) DC. [= *Ludwigia decurrens*]	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
ORCHIDACEAE				
Brassavola nodosa (L.) Lindl.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	ep, sf, tf	SA	COL; HJBSAI-UN
Oncidium sp.	Díaz & Lowy (1992); Lowy (2000)	ep, tf	SA	COL; HJBSAI-UN
**Schomburgkia brymeriana* Lem.	Díaz & Lowy (1992); Lowy (2000)	ep, tf	SA	COL; HJBSAI-UN

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Table 1. *Continued.*

Taxa	References	Notes	Island/Cay	Herbarium
OXALIDACEAE				
Averrhoa carambola L.	Kondo et al. (2012)	phr	SA	NV
Oxalis frutescens L.	Díaz & Lowy (1992); Lowy (2000)	gf, sf	SA	COL; HJBSAI-UN
PAPAVERACEAE				
Argemone ochroleuca Sweet [= *A. mexicana*]	Díaz & Lowy (1992); Lowy (2000)	sxv	SA	COL; HJBSAI-UN
PANDANACEAE				
***Pandanus* sp.**	PS	phr	HC	NV
PASSIFLORACEAE				
Passiflora biflora Lam.	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
Passiflora edulis fo. *flavicarpa* O. Deg.	Kondo et al. (2012)	phr	SA	NV
Passiflora suberosa L.	Díaz & Lowy (1992); Lowy (2000)	ss, sxv	SA	COL; HJBSAI-UN
Turnera ulmifolia L.	Díaz & Lowy (1992); Lowy (2000)	ov, rd	SA	COL; HJBSAI-UN
PHYLLANTHACEAE				
Breynia disticha J.R. Forst. & G. Forst. [= *Breynia nidosa* Small.]	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Phyllanthus acidus (L.) Skeels	Díaz & Lowy (1992); Lowy (2000); Kondo et al. (2012)	cu, sf	SA	COL; HJBSAI-UN
PHYTOLACCACEAE				
Microtea debilis Sw.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Petiveria alliacea L.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Rivina humilis L.	Díaz & Lowy (1992); Lowy (2000)	gf, rd	SA	COL; HJBSAI-UN
Trichostigma octandrum (L.) H. Walter	González et al. (1995); Lowy (2000)	gf	SA	COL; HJBSAI-UN
PICRAMNIACEAE				
Picramnia pentandra Sw.	Díaz & Lowy (1992); Lowy (2000)	sxv	SA	COL; HJBSAI-UN
PIPERACEAE				
Peperomia pellucida (L.) Kunth	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Lepianthes peltata (L.) Raf. ex R.A. Howard [= *Pothomorphe peltata*]	Díaz & Lowy (1992); Lowy (2000)	ar, sf	SA	COL; HJBSAI-UN
PLANTAGINACEAE				
Plantago major L.	Díaz & Lowy (1992); Lowy (2000)	ov, rd	SA	COL; HJBSAI-UN
PLUMBAGINACEAE				
Plumbago auriculata Lam.	Tobar et al. (2013)	or	SA	HJBSAI-UN
Plumbago scandens L.	Díaz & Lowy (1992); Lowy (2000)	os, rd	SA	COL; HJBSAI-UN
POACEAE				
Andropogon bicornis L.	Díaz & Lowy (1992); Lowy (2000)	ov, sw	SA	COL; HJBSAI-UN
Bambusa vulgaris Schrad. ex J.C. Wendl.	Tobar et al. (2013)	or, ov	SA	HJBSAI-UN
Cenchrus echinatus L.	Díaz & Lowy (1992); Lowy (2000)	ov	SA	COL; HJBSAI-UN
Cenchrus pilosus Kunth	González et al. (1995); Lowy (2000)	ov	SA	COL; HJBSAI-UN
Chloris inflata Link	Díaz & Lowy (1992); Lowy (2000)	psv	SA	COL; HJBSAI-UN
Chloris petraea Sw.	González et al. (1995); Lowy (2000)	ov, ss	SA	COL; HJBSAI-UN
Cynodon dactylon (L.) Pers.	González et al. (1995); Lowy (2000)	ov	SA	COL; HJBSAI-UN
Dactyloctenium aegyptium (L.) Willd.	Díaz & Lowy (1992); Lowy (2000)	ov, ss	SA	COL; HJBSAI-UN
Digitaria insularis (L.) Fedde	Díaz & Lowy (1992); Lowy (2000)	ov	SA	COL; HJBSAI-UN
Echinochloa colona (L.) Link [= *E. colonum*]	Díaz & Lowy (1992); Lowy (2000)	ov, rd	SA	COL; HJBSAI-UN
Eleusine indica (L.) Gaertn.	Díaz & Lowy (1992); Lowy (2000)	ov	SA	COL; HJBSAI-UN
Lasiacis ruscifolia (Kunth) Hitchc.	Díaz & Lowy (1992); Lowy (2000)	ov, ss	SA	COL; HJBSAI-UN
Olyra latifolia L.	Díaz & Lowy (1992); Lowy (2000)	ss	SA	COL; HJBSAI-UN
Panicum maximum Jacq.	Díaz & Lowy (1992); Lowy (2000)	ov, rd	SA	COL; HJBSAI-UN
Paspalum paniculatum L.	Díaz & Lowy (1992); Lowy (2000)	wd	SA	COL; HJBSAI-UN
Poa sp.	Kondo et al. (2012)	phr	SA	NV
Saccharum officinarum L.	Díaz & Lowy (1992); Lowy (2000)	ov	SA	COL; HJBSAI-UN
Sporobolus virginicus (L.) Kunth	González et al. (1995); Lowy (2000)	ov	SA	COL; HJBSAI-UN
Zea mays L.	González et al. (1995); Lowy (2000)	cu	SA	COL; HJBSAI-UN
POLYGALACEAE				
Securidaca diversifolia (L.) S.F. Blake	Díaz & Lowy (1992); Lowy (2000)	rv, sf	SA	COL; HJBSAI-UN
POLYGONACEAE				
Antigonon leptopus Hook. & Arn.	Díaz & Lowy (1992); Lowy (2000)	psv	SA	COL; HJBSAI-UN
Coccoloba sp.	Ruiz & Fandiño (2007)			
Coccoloba uvifera (L.) L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	psv	SA	COL; HJBSAI-UN; FSB
Polygonum punctatum Elliott	Díaz & Lowy (1992); Lowy (2000)	ov	SA	COL; HJBSAI-UN
POLYPODIACEAE				
Microgramma nitida (J. Sm.) A.R. Sm.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN

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Table 1. *Continued.*

Taxa	References	Notes	Island/Cay	Herbarium
PORTULACACEAE				
Portulaca oleracea L. [= *P. pilosa*]	Díaz & Lowy (1992); Lowy (2000)	ov	SA	COL; HJBSAI-UN
PTERIDACEAE				
Acrostichum aureum L.	Díaz & Lowy (1992); Lowy (2000)	mg	SA	COL; HJBSAI-UN
Adiantum latifolium Lam.	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
Pityrogramma ebenea (L.) Proctor	Tobar et al. (2013)	ro	SA	HJBSAI-UN
PUTRANJIVACEAE				
Drypetes lateriflora (Sw.) Krug & Urb.	González et al. (1995); Lowy (2000)	gf, sf	SA	COL; HJBSAI-UN
RHAMNACEAE				
Karwinskia colombiana Dugand & M.C. Johnst.	Díaz & Lowy (1992); Lowy (2000)	sxv	SA	COL; HJBSAI-UN
Krugiodendron ferreum (Vahl) Urb.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
RHIZOPHORACEAE				
Rhizophora mangle L.	Díaz & Lowy (1992); Lowy (2000)	mg	SA	COL; HJBSAI-UN
ROSACEAE				
Rosa chinensis Jacq.	Tobar et al. (2013)	ml, or	SA	HJBSAI-UN
RUBIACEAE				
Alibertia edulis (Rich.) A. Rich. ex DC.	Díaz & Lowy (1992); Lowy (2000)	gf, sw	SA	COL; HJBSAI-UN
Amaioua corymbosa Kunth	González et al. (1995); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Borreria laevis (Lam.) Griseb.	Díaz & Lowy (1992); Lowy (2000)	gf, sf	SA	COL; HJBSAI-UN
Chiococca alba (L.) Hitchc.	Díaz & Lowy (1992); Lowy (2000)	gf, psv	SA	COL; HJBSAI-UN
Chomelia protracta (Bartl. ex DC.) Standl. [= *Guettarda galeottii*]	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
**Chomelia speciosa* L.	González et al. (1995); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Erithalis fruticosa L.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Faramea occidentalis (L.) A. Rich.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	gf, thf	OP	COL; HJBSAI-UN; FSB
Guettarda elliptica Sw.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	sf, tdf	OP	COL; HJBSAI-UN; FSB
Guettarda sanblasensis Dwyer	González et al. (1995); Lowy (2000)	gf, sf	SA	COL; HJBSAI-UN
Hamelia patens Jacq.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Ixora coccinea L.	Kondo et al. (2012)	phr	SA	NV
Ixora finlaysoniana Wall. ex G. Don	Díaz & Lowy (1992); Lowy (2000)	sf, sw	SA	COL; HJBSAI-UN
Morinda citrifolia L.	Díaz & Lowy (1992); Lowy (2000); Kondo et al. (2012)	psv, rd	SA	COL; HJBSAI-UN
Morinda roioc L.	Díaz & Lowy (1992); Lowy (2000)	rd, sw	SA	COL; HJBSAI-UN
Palicourea triphylla DC.	Díaz & Lowy (1992); Lowy (2000)	sf, ss	SA	COL; HJBSAI-UN
Psychotria carthagenensis Jacq.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
Randia aculeata L.	Ruiz & Fandiño (2007)	tdf	OP	NV?
Randia ferox (Cham. & Schltdl.) DC. [= *R. armata*]	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	ed, psv, tdf	OP	COL; HJBSAI-UN; FSB
Spermacoce verticillata L. [= *Borreria verticillata*]	Díaz & Lowy (1992); Lowy (2000)	rd, sf	SA	COL; HJBSAI-UN
RUTACEAE				
Amyris elemifera L.	Díaz & Lowy (1992), Lowy (2000)	gf	SA	COL; HJBSAI-UN
Citrus grandis (L.) Osbeck [= *C. aurantium, C. sinensis*]	Díaz & Lowy (1992); González et al. (1995); Kondo et al. (2012); Lowy (2000)	cu, sf	SA	COL; HJBSAI-UN
Citrus latifolia Tanaka	Kondo et al. (2012)	phr	SA	NV
Citrus limon (L.) Osbeck	González et al. (1995); Lowy (2000); Kondo et al. (2012)	cu, sf	SA	COL; HJBSAI-UN
Citrus reticulata Blanco	Kondo et al. (2012)	phr	SA	NV
Swinglea glutinosa (Blanco) Merr.	Kondo et al. (2012)	phr	SA	NV
Zanthoxylum martinicense (Lam.) DC.	Ruiz & Fandiño (2007)	tdf, thf	OP	NV?
Zanthoxylum fagara (L.) Sarg.	Díaz & Lowy (1992); Lowy (2000)	rd, sf	SA	COL; HJBSAI-UN
SALICACEAE				
Casearia aculeata Jacq.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	sf, tdf, tf	OP	COL; HJBSAI-UN; FSB
Casearia commersoniana Cambess.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	gf, tdf	OP	COL; HJBSAI-UN; FSB
Casearia sylvestris Sw.	Díaz & Lowy (1992); Lowy (2000)	ml	SA	COL; HJBSAI-UN; FSB
Xylosma sp.	González et al. (1995); Lowy (2000); Ruiz & Fandiño (2007)	sf, tdf	OP	COL; HJBSAI-UN; FSB
Zuelania guidonia (Sw.) Britton & Millsp.	Ruiz & Fandiño (2007)	tdf	OP	FSB
SAPINDACEAE				
Allophylus psilospermus Radlk.	Díaz & Lowy (1992); Lowy (2000)	tf	SA	COL; HJBSAI-UN
Blighia sapida K.D. Koenig	Díaz & Lowy (1992); Lowy (2000)	cu, sf	SA	COL; HJBSAI-UN
Dodonaea viscosa Jacq.	Díaz & Lowy (1992); Lowy (2000)	sf, tf	SA	COL; HJBSAI-UN
Matayba oppositifolia (A. Rich.) Britton	Ruiz & Fandiño (2007)	tdf	OP	
Melicoccus bijugatus Jacq.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	sf, tdf, thf	OP, SA	COL; HJBSAI-UN

Continued

Table 1. *Continued.*

Taxa	References	Notes	Island/Cay	Herbarium
Paullinia cururu L.	Díaz & Lowy (1992); Lowy (2000)	sf, sxv	SA	COL; HJBSAI-UN
SAPOTACEAE				
Chrysophyllum cainito L.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	tf, thf	OP, SA	COL; HJBSAI-UN
Chrysophyllum oliviforme L.	Díaz & Lowy (1992); Lowy (2000)	gf, tf	SA	COL; HJBSAI-UN
Manilkara zapota (L.) P. Royen	Kondo et al. (2012); Ruiz & Fandiño (2007)	tdf, thf	OP, SA	NV?
SCROPHULARIACEAE				
Capraria biflora L.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Scoparia dulcis L.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
SIMAROUBACEAE				
Simarouba amara Aubl.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	gf, thf	OP	COL; HJBSAI-UN
SMILACACEAE				
Smilax spinosa Mill.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000)	rd, sf	SA	COL; HJBSAI-UN
Smilax sp.	Díaz & Lowy (1992); Lowy (2000)	rd, sf	SA	COL; HJBSAI-UN
SOLANACEAE				
Capsicum annuum L. var. *annuum* [= *C. chinense*]	Kondo et al. (2012); Tobar et al. (2013)	cu, ed	SA	HJBSAI-UN
Capsicum sp.	Kondo et al. (2012)	phr	SA	NV
Cestrum alternifolium (Jacq.) O.E. Schulz	Díaz & Lowy (1992); Lowy (2000)	rd, sf	SA	COL; HJBSAI-UN
Cestrum nocturnum L.	Kondo et al. (2012)	phr	SA	NV
Physalis angulata L.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Solandra grandiflora Sw.	Díaz & Lowy (1992); Lowy (2000)	ov	SA	COL; HJBSAI-UN
Solanum americanum Mill.	Díaz & Lowy (1992); Lowy (2000)	rv, sf	SA	COL; HJBSAI-UN
Solanum lycopersicum L. [= *Lycopersicon esculentum*]	Tobar et al. (2013)	cu, ed	SA	HJBSAI-UN
Solanum melongena L.	Kondo et al. (2012)	phr	SA	NV
Solanum torvum Sw.	Díaz & Lowy (1992); Lowy (2000)	ss	SA	HJBSAI-UN
STRELITZIACEAE				
Ravenala madagascariensis Sonn.	Tobar et al. (2013)	or	SA	HJBSAI-UN
SURIANACEAE				
Suriana maritima L.	Díaz & Lowy (1992); Lowy (2000)	psv	SA	COL; HJBSAI-UN
THELYPTERIDACEAE				
Thelypteris normalis (C. Chr.) Moxley	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
TYPHACEAE				
Typha domingensis Pers.	Díaz & Lowy (1992); Lowy (2000)	sw	SA	COL; HJBSAI-UN
URTICACEAE				
Cecropia peltata L.	Díaz & Lowy (1992); Kondo et al. (2012); Lowy (2000); Ruiz & Fandiño (2007)	sf	OP, SA	COL; HJBSAI-UN
Pilea hyalina Fenzl	Díaz & Lowy (1992); Lowy (2000)	ar, vs	SA	COL; HJBSAI-UN
Pilea microphylla (L.) Liebm.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
VERBENACEAE				
Citharexylum sp.	Díaz & Lowy (1992); Lowy (2000)	gf	SA	COL; HJBSAI-UN
***Duranta repens* L. [= *D. erecta*]	Tobar et al. (2008)	or	SA	COL; HJBSAI-UN
Lantana camara L.	Díaz & Lowy (1992); Lowy (2000); Ruiz & Fandiño (2007)	ov, rd, tdf	OP, SA	COL; HJBSAI-UN
***Lantana involucrata* L.	Tobar et al. (2008)	ml, ov	SA	COL; HJBSAI-UN
Lippia alba (Mill.) N.E. Br. ex Britton & P. Wilson	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
Lippia nodiflora (L.) Michx.	Díaz & Lowy (1992); Lowy (2000)	psv, rd	SA	COL; HJBSAI-UN
Priva lappulacea (L.) Pers.	Díaz & Lowy (1992); Lowy (2000)	rd	SA	COL; HJBSAI-UN
Stachytarpheta jamaicensis (L.) Vahl	Díaz & Lowy (1992); Lowy (2000)	ov	SA	COL; HJBSAI-UN
VITACEAE				
Vitis sp.	Díaz & Lowy (1992); Lowy (2000)	sf	SA	COL; HJBSAI-UN
ZINGIBERACEAE				
Alpinia purpurata (Vieill.) K. Schum.	Tobar et al. (2013)	or	SA	HJBSAI-UN
Alpinia zerumbet (Pers.) B.L. Burtt & R.M. Sm.	Tobar et al. (2013)	or	SA	HJBSAI-UN

oleracea (Amaranthaceae), *Swietenia macrophylla* (Meliaceae) and *Syzygium jambos* (Myrtaceae). Although it is likely that the plant species reported by Silva-Gómez et al. (2013) may occur on the islands, they were not included in Table 1 because there were neither voucher specimens nor photographic records to confirm their plant identifications.

In order to better understand the flora of the Archipelago, it is important to provide additional information, e.g., their usage, economic importance, and origin. Introduced plant species are becoming abundant in urban areas of San Andres, especially ornamental plants (Tobar et al. 2013), which often are introduced with associated insect pests, as has been the case of the Colombian fluted scale insect, *Crypticerya multicicatrices* (Kondo et al. 2012). During recent visits to the island of San Andres, TK noticed that the invasive weed *Flemingia strobilifera* (Figure 1F), a plant of Asian origin (Tropicos 2013) is now found commonly throughout the island.

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